

Converting Colors

YUV(152.1300, 20.1489,
70.9230)

Have a look what the booklet for
YUV(152.1300, 20.1489, 70.9230)
contains.

YUV(152.1300, 20.1489, 70.9230)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(152.1300, 20.1489,
70.9230)**

Conversions

Conversions Part 1

Format	Color
Hex	E967C1
RGB	233, 103, 193
RGB Percent	91%, 40%, 76%
CMY	0.0863, 0.5961, 0.2431
CMYK	0.00, 0.56, 0.17, 0.09
HSL	318°, 75%, 66%
HSV	318°, 56%, 91%
XYZ	48.0802, 30.8744, 53.8773
YIQ	152.1300, 48.5900, 55.5500

Conversions

Conversions Part 2

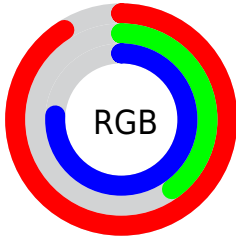
Format	Color
R _Y B	233, 103, 193
Decimal	15296449
CIE _{Lab}	62.40, 60.46, -23.01
CIE _{LCh}	62, 64.689, 339.159
Y _{xy}	30.8744, 0.3620, 0.2324
Android (android.graphics.Color)	4293486529 (0xFFE967C1)
YUV	152.1300, 20.1489, 70.9230
Hunter-Lab	55.5647, 57.2178, -18.5942

Details

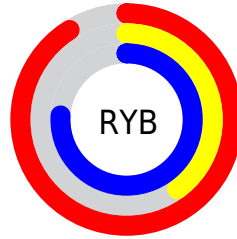
The YUV color **152.1300, 20.1489, 70.9230** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **183.8700, -20.1489, -70.9230**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.0780, 25.5975, 49.9206**, and **94.2870, 22.0435, 69.9083** is the 20% darker color. If you saturate the color by 10%, you get **137.8310, 23.7473, 83.4632**, and if you desaturate by 10%, it is **166.4290, 16.5505, 58.3828**.

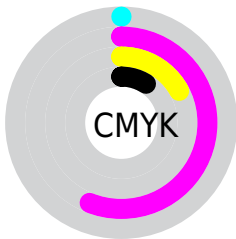
Distribution



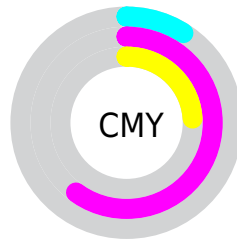
- Red (91%)
- Green (40%)
- Blue (76%)



- Red (91%)
- Yellow (40%)
- Blue (76%)



- Cyan (0%)
- Magenta (56%)
- Yellow (17%)
- Black (9%)





- Cyan (9%)
- Magenta (60%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YUV color 152.1300, 20.1489, 70.9230 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 152.1300, 20.1489, 70.9230 by changing the saturation by 10% instead.


 152.1300, 20.1489,
70.9230


 152.1300, 20.1489,
70.9230

255.0000, 0.0000,
0.0000


 123.6460, 20.8805,
69.5935


 198.0780, 25.5975,
49.9206


 94.2870, 22.0435,
69.9083


 215.6710, 19.3892,
34.4915

 56.6500, 28.2736,
78.3599

 232.6940, 10.9969,
19.5624

 45.4280, 21.4810,
63.6456

 249.7170, 2.6045,
4.6332

 34.3200, 15.1252,
48.8314

 24.3370, 9.2009,
35.6615

 13.4570, 3.7187,

20.6472

■ 0.0000, 0.0000,
0.0000

■ 152.1300, 20.1489,
70.9230

■ 152.1300, 20.1489,
70.9230

■ 137.8310, 23.7473,
83.4632

■ 166.4290, 16.5505,
58.3828

■ 122.9450, 27.6351,
96.5182

■ 181.3150, 12.6627,
45.3277

■ 108.5320, 30.7967,
109.1584

■ 195.7280, 9.5011,
32.6875

■ 94.2330, 34.3951,
121.6987

■ 210.0270, 5.9027,
20.1473

■ 88.0210, 35.9786,
127.1466

■ 224.9130, 2.0149,
7.0923

■ 239.2120, -1.5835,
-5.4479

■ 247.0540, -1.9986,
-12.3254

■ 247.8520, 1.0590,
-13.0252

■ 248.4220, 3.2430,
-13.5251

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



155.2340, 42.2826, 18.2118



152.1300, 20.1489, 70.9230



146.6280, -5.2396, 94.1652

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



152.1300, 20.1489, 70.9230



140.6170, -62.9152, 19.6299



128.6200, 46.0363, -112.7997

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



152.1300, 20.1489, 70.9230



183.8700, -20.1489, -70.9230

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



123.5240, 21.4337, -108.3305



152.1300, 20.1489, 70.9230



134.9710, -39.9187, -29.7926

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



152.1300, 20.1489, 70.9230



145.4490, -54.4514, 58.3652



115.0370, -3.4692, -100.8874



127.6860, 62.7658, -111.9806

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



152.1300, 20.1489, 70.9230



146.0950, -23.7108, 92.0017



115.0370, -3.4692, -100.8874



127.2690, 38.3214, -111.6149

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



152.1300, 20.1489, 70.9230



228.2770, 6.7654, 23.4361



129.4810, 51.0349, 10.9792



111.8260, 4.0298, 14.1846



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



152.1300, 20.1489, 70.9230



148.5810, 26.3356, 93.3295



144.8340, -7.8062, 77.3216



110.2010, 1.8729, 5.9627



68.3690, 27.9191, 98.7774



20.3640, 8.2015, 29.4988

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



152.1300, 20.1489, 70.9230



148.5810, 26.3356, 93.3295



191.1660, 7.8062, -77.3216



110.2010, 1.8729, 5.9627



68.3690, 27.9191, 98.7774



20.3640, 8.2015, 29.4988

Previews

White Background



This preview shows how the YUV color 152.1300, 20.1489, 70.9230 looks on a white background.

Color Contrast Check

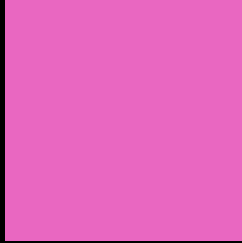
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 152.1300, 20.1489, 70.9230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

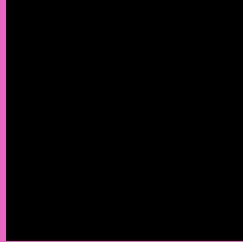
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 152.1300, 20.1489, 70.9230

Background



This preview shows how black text looks on a background with the YUV color 152.1300, 20.1489, 70.9230.



This preview shows how white text looks on a background with the YUV color 152.1300, 20.1489,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

152.1300, 20.1489, 70.9230

Protanopia

150.5310, 38.1922, -23.2677

Deuteranopia

152.6310, 16.4509, -3.1844



Tritanopia

151.3180, -11.9888, 65.4961

Trichromacy



Original Color

152.1300, 20.1489, 70.9230



Protanomaly

151.0300, 31.5372, 11.3747



Deuteranomaly

152.8500, 17.8220, 23.8106



Tritanomaly

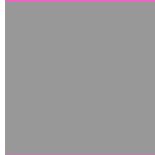
152.0160, -0.5009, 67.5150

Monochromacy



Original Color

152.1300, 20.1489, 70.9230



Achromatopsia

152.0000, 0.0000, 0.0000



Achromatomaly

151.8150, 7.4862, 25.5952

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.1300, 20.1489, 70.9230 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(233, 103, 193)` looks like.

```
.text, #text, p{  
    color:rgb(233, 103, 193)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(233, 103, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 103, 193) }
```

Border

The CSS property to change the border of an element to YUV 152.1300, 20.1489, 70.9230 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(233, 103, 193) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(233, 103, 193) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(233, 103, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 103, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 103, 193);  
box-shadow:4px 4px 4px 4px rgb(233, 103,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 152.1300, 20.1489, 70.9230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 103, 193) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(233,  
103, 193) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor